

(207)548-6440



QUALITY CERTIFICATE

Vessel

SHORE TANK NO. 3

Customer Operation

SPRAGUE ANALYSIS Port Date

Terminal

SEARSPORT, MAINE December 20, 2005

SPRAGUE

Report

SP/05/1213

Reference V-05-01895 Sample # 239269

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company) **NO. 6 FUEL OIL 2.0%**

EX. SHORE TK NO. 3 AFTER DISCHARGE OF ISOLA VERDE **INSPECTORATE INSPECTORATE**

Tests being Performed	Test method	Minimum Maximum	Sample Source
GRAVITY, API @ 60 F	ASTM D 4052		11.3
FLASH POINT, F	ASTM D 93		171
VISCOSITY, SSF @ 122 F	ASTM D 445/2161		272
POUR POINT, F	ASTM D 97		+36.8
WATER & SEDIMENT, % VOL.	ASTM D 1796		0.05
SULPHUR, % WT.	ASTM D 4294		1.87
¹ ~H. % WT.	ASTM D 482		0.050
NADIUM, PPM	AA/AE		147
SODIUM, PPM	AA/AE		10
BTU'S/POUND	CALCULATION		18,317
BTU'S/GALLON	CONVERSION		151,152
NITROGEN, % WT.	ASTM D 5762		0.5096
CARBON RESIDUE, % WT.	ASTM D 4530		17.0
ASPHALTENES, % WT.	IP-143		9.21
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DENNIS E. CURTIS